LOGISTIC MANAGEMENT

Objective

The objective of this course is to enable students understand the importance and dynamics of a firm’s physical distribution functions and management of its supply chain.

Module 1: Introduction to distribution logistics: Nature, importance and scope of logistic decisions; Systems approach to logistics; integrates logistics; Total cost concept; supply chain management—nature, importance and interface with logistics; Concept of customer service.

Module 2: Transportation and physical Distribution: Importance and modes of transportation Selection of transportation modes; Multi modal transportation; Documentation and carrier liabilities. Inter-state good movement and problems; Transportation management.

Module 3: Inventory control: Economic order quantity under conditions of certainty and uncertainty; Inventory requirements as function of number of stock locations; techniques of inventory control.

Module 4: Warehousing: Role and modern concept of warehousing; private vs public warehousing; Planning warehousing operations; Site selection, warehouse layout. Material handling; Management of receipts and issues; Computers and warehouse management.

Module 5: Order Processing: Importance to customer service; Model of Performance measurement; Packaging and utilization.

References:

Bowersox and others: Physical Distribution Management. Tata McGraw Hill, New Delhi

Dobler, D.W; Purchasing and Supply Management Tata McGraw Hill, New Delhi

Glaskowsky N.A: Business Logistics, Dryden Press, Ohio